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PD - 2001-04-03

PR - JP19990266435 19990921

OPD - 1999-09-21

TI - PRINTING CONTROL METHOD, MEMORY MEDIUM STORING PROGRAM THEREOF, PRINTER CONTROL DEVICE AND PRINTER SYSTEM

IN - YOSHIOKA TATSURO

PA - RICOH KK

IC - B41J29/38 ; B41J5/30 ; G06F3/12
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TI - Printing control procedure for printer, involves choosing page description language based on analyzed data stored in spool buffer in EMF format

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PA - (RICO) RICOH KK

IC - B41J5/30 ; B41J29/38 ; G06F3/12

AB - JP2001088405 NOVELTY - The data of EMF format forwarded from an application (18), are stored in spool buffer (19), when printing indication is supplied from host apparatus (1). The data stored in buffer is analyzed according to which page description language is chosen.

- DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Printing control software;

- (b) Printer controller;

- (c) Printer

- USE - For controlling printing operation in printer.

- ADVANTAGE - As page description language is chosen based on analyzed data, documents demanded by user is printed, correctly.

- DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of printer controller. (Drawing includes non-English language text).

- Host apparatus 1

- Application 18

- Spool buffer 19

- (Dwg.2/4)

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TI - PRINTING CONTROL METHOD, MEMORY MEDIUM STORING
PROGRAM THEREOF, PRINTER CONTROL DEVICE AND
PRINTER SYSTEM

AB - PROBLEM TO BE SOLVED: To perform printing of high quality by
automatically performing the selection of page describing words
corresponding to a drawing or image by software when the drawing
or image is contained in a document to be printed.

- SOLUTION: The EMF data transmitted from an application18 is
stored in a spool buffer 19 and the printing data stored in the spool
buffer 19 is analyzed by an EMF analyzing module14. A printer
driver calling module 16 selects printer drivers used for printing
from the result analyzed by the EMF analyzing module14 and the
registered characteristics of printer drivers 13a-13d to sent printing
data. The printer drivers 13a-13c process the sent printing data by
the corresponding page describing words to output the same to a
printer. This processing is repeated at every one page.

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